

What is claimed is:

add city

1. ~~A sports board that is ridden by a person standing upon it, comprising:~~

~~an elongated metal board having a front end, a rear end, a top surface, a bottom surface, a left edge and a right edge, and one or more longitudinally elongated cavity forming sections.~~

2. A sports board as recited in claim 1, wherein the elongated metal board includes a top wall, a bottom wall and N longitudinally elongated support walls that define N-1 longitudinally elongated cavity forming sections.

3. A sports board as recited in claim 1, wherein said one or more longitudinally elongated cavity forming members extend from the front end to the rear end of the board.

4. A sports board as recited in claim 1, wherein the sports board is made of an aluminum material.

5. A sports board as recited in claim 1, wherein the sports board is made of a titanium material.

6. A sports board as recited in claim 1, wherein said metal board has an arcuate shaped front end and an arcuate shaped rear end.

7. A sports board as recited in claim 6, wherein end guards are secured to said front and rear ends of said metal board by said one or more longitudinally elongated cavity forming sections.

~~8. A sports board as recited in claim 1, wherein said metal board has a bent-up front tip portion and a bent-up rear tip portion.~~

9. A sports board as recited in claim 2, further comprising front and rear skateboard trucks secured to said bottom wall of said metal board.

10. A sports board as recited in claim 1, wherein said board deflects less than 0.162 in. with a load of 200 lbs.

11. A sports board as recited in claim 1, wherein said board deflects less than 0.203 in. with a load of 250 lbs.

12. A sports board as recited in claim 1, wherein at least one of said one or more longitudinally elongated cavity-forming sections includes a filler.

13. A sports board as recited in claim 12, wherein said filler is a member selected from the group consisting of foam, foam plastic, wood, wood composite, compressed air, and an inflatable bladder.

14. A sports board as recited in claim 1, wherein said one or more longitudinally elongated cavity-forming sections includes a generally rectangular cross section.

15. A sports board as recited in claim 1, wherein said metal sports board includes a length L1 of 24-60 inches, a width W1 of 5-12 inches, and a height H1 of .200-.800 inches.

16. A sports board as recited in claim 1, wherein said metal sports board includes a length L1 of 24-72 inches, a width W1 of 6-25 inches, and a height H1 of .200-.800 inches.

17. A sports board as recited in claim 1, wherein said metal sports board includes a length L1 of 24-65 inches, a width W1 of 6-35 inches, and a height H1 of .200-.800 inches.

Sub 18
18. A method of manufacturing a sports board, comprising:
providing an elongated metal board having a front end, a rear end, a top surface, a bottom surface, a left edge, a right edge, and one or more longitudinally elongated hollow sections; and

shaping the metal board near said front end and rear end at a predetermined angle.

19. A method of manufacturing a sports board as recited in claim 18, further including annealing the metal board before shaping the metal board.

20. A method of manufacturing a sports board as recited in claim 18, wherein the step of providing an elongated metal board includes extruding a metal board.

21. A method of manufacturing a sports board as recited in claim 18, wherein the step of providing an elongated metal board includes casting a metal board around a filler material.

Sub 22
22. A method of manufacturing a sports board as recited in claim 21, wherein said filler material is a member selected from the group consisting of foam, foam plastic, wood, wood composite, compressed air, and an inflatable bladder.

~~Sub 1~~
23. ~~A method of manufacturing a sports board as recited in claim 18, wherein said step of providing a metal board includes providing a metal board in less than a T-5 tempered hardness condition prior to shaping the metal board.~~

24. A method of manufacturing a sports board as recited in claim 18, wherein said metal board is made of an aluminum material.

25. A method of manufacturing a sports board, comprising:
extruding an elongated metal board made of an aluminum alloy, the elongated metal board having a front end, a rear end, a top surface, a bottom surface, a left edge, a right edge, and one or more longitudinally elongated hollow sections;
shaping the elongated metal board; and
hardening the elongated metal board by subjecting the metal board to a heat treatment process.

~~Sub 1~~
26. A method of manufacturing a sports board as recited in claim 25, wherein the aluminum alloy is a 6000 series alloy.

27. A method of manufacturing a sports board as recited in claim 25, wherein the aluminum alloy is a 6005 alloy.

~~Sub 1~~
28. A method of manufacturing a sports board as recited in claim 25, wherein the metal board is in a T-4 tempered hardness condition before shaping the elongated metal board and is hardened by said heat treatment process to at least a T-5 hardness condition after shaping the metal board.

29. A method of manufacturing a sports board as recited in claim 25, further including annealing the elongated metal board prior to shaping the metal board.

30. A method of manufacturing a sports board as recited in claim 29, wherein the aluminum alloy is a 6000 series alloy.

31. A method of manufacturing a sports board as recited in claim 25, wherein the aluminum alloy is a 6061 alloy.

32. A method of manufacturing a sports board as recited in claim 25, wherein the metal sports board is annealed to a T-0 tempered hardness condition.

33. A method of manufacturing a sports board as recited in claim 25, wherein the metal sports board is hardened by the heat treatment process to at least a T-5 tempered hardness condition after shaping the metal sports board.

Sub 154/ 34. A method of manufacturing a sports board, comprising:
providing an elongated metal board;
annealing the elongated metal board;
shaping the elongated metal board; and
hardening the elongated metal board.

Sub 154/ 35. A method of manufacturing a sports board as recited in claim 34, wherein annealing includes annealing to less than a T-5 hardness condition.

Sub 154/ 36. A method of manufacturing a sports board as recited in claim 34, wherein hardening includes hardening to at least a T-5 hardness condition.